

**Table 1C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Demographic Indicators** <sup>(2)</sup>

Page: 1  
Run Date: 8 / 12 / 08

Total Records	Number	%	Source of Data	Number	%
Complete Records	50,352	78.0	WIC	64,561	100.0
Prenatal Records	5,152	8.0	Maternal Health	0	0.0
Postpartum Records	9,057	14.0	Other	0	0.0
<b>Total Records Accepted</b>	<b>64,561</b>		<b>Total</b>	<b>64,561</b>	<b>100.0</b>
			<i>Excluded Unknown: 0</i>	<i>0.0</i>	

Race/Ethnic Distribution	Number	%	Age Distribution	Number	%	Education Distribution	Number	%
White, Not Hispanic	36,503	56.5	< 15 Years	280	0.4	< High School	23,156	35.9
Black, Not Hispanic	18,762	29.1	15 - 17 Years	4,646	7.2	High School	27,516	42.7
Hispanic	7,290	11.3	18 - 19 Years	8,835	13.7	> High School	13,792	21.4
American Indian/Alaskan Native	205	0.3	20 - 29 Years	38,892	60.3	<b>Total</b>	<b>64,464</b>	<b>100.0</b>
Asian/Pacific Islander	957	1.5	30 - 39 Years	11,163	17.3			
All Other	844	1.3	>= 40 Years	735	1.1			
<b>Total</b>	<b>64,561</b>	<b>100.0</b>	<b>Total</b>	<b>64,551</b>	<b>100.0</b>			
<i>Excluded Unknown: 0</i>	<i>0.0</i>		<i>Excluded Unknown: 10</i>	<i>0.0</i>		<i>Excluded Unknown: 97</i>	<i>0.2</i>	

% Poverty Level	Number	%	Program Participation <sup>(3)</sup>	Number	%	Migrant Status	Number	%
0 - 50	25,129	41.3	WIC	55,504	100.0	Yes	964	1.5
51 - 100	15,711	25.8	Food Stamps	54,837	44.6	No	63,597	98.5
101 - 130	7,180	11.8	Medicaid	54,837	82.8	<b>Total</b>	<b>64,561</b>	<b>100.0</b>
131 - 150	3,584	5.9	TANF	54,837	19.3			
151 - 185	4,981	8.2						
186 - 200	1,335	2.2	<i>Excluded Unknown:</i>					
> 200	2,883	4.7	WIC:	0	0.0			
Adjunctive Eligibility	0	0.0	Food Stamps:	667	1.2			
<b>Total</b>	<b>60,803</b>	<b>100.0</b>	Medicaid:	667	1.2			
<i>Excluded Unknown: 3,758</i>	<i>5.8</i>		TANF:	667	1.2	<i>Excluded Unknown: 0</i>	<i>0.0</i>	

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Prenatal program participation.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 2C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Health Indicators**

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Run Date: 8 / 12 / 08

Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Prepregnancy BMI (3)				
Underweight	61,626	10.6	1,076,151	11.1
Normal Weight	61,626	43.0	1,076,151	45.1
Overweight	61,626	14.4	1,076,151	15.0
Obese	61,626	32.1	1,076,151	28.8
Maternal Weight Gain (4)				
Less Than Ideal	50,910	30.5	886,445	24.9
Ideal	50,910	26.9	886,445	31.9
Greater Than Ideal	50,910	42.6	886,445	43.2
Anemia (Low Hb/Hct) (5)				
1st Trimester	19,444	7.5	321,118	7.1
2nd Trimester	20,333	11.6	329,163	10.2
3rd Trimester	10,599	33.0	159,902	32.0
Postpartum	13,801	36.0	367,279	33.5
Parity (6)				
0	64,558	70.7	880,911	46.8
1	64,558	15.8	880,911	25.6
2	64,558	7.6	880,911	15.0
≥ 3	64,558	5.9	880,911	12.6
Interpregnancy Interval				
< 6 Months	38,824	15.6	521,433	13.4
6 - <18 Months	38,824	29.0	521,433	26.7
≥18 Months	38,824	55.4	521,433	59.9

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI < 19.8), normal weight (BMI 19.9 to 26.0), overweight (BMI >26.0 to 29.0), obese (BMI >29.0).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

(6) Number of times a woman has given birth to an infant 20 or more weeks gestation.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 2C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Health Indicators**

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Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Medical Care				
1st Trimester	56,568	74.9	659,950	77.2
No Care	56,568	10.5	659,950	7.5
WIC Enrollment				
1st Trimester	64,187	32.2	944,394	31.3
2nd Trimester	64,187	35.0	944,394	35.0
3rd Trimester	64,187	18.8	944,394	18.1
Postpartum (3)	64,187	14.1	944,394	15.6
Smoking				
3 Months Prior to Pregnancy	57,184	36.9	839,281	27.2
During Pregnancy	48,429	24.1	745,782	16.3
Last 3 Months of Pregnancy	48,441	19.8	699,875	16.6
Postpartum	51,180	22.2	685,815	17.6
Smoking Changes (4)				
Quit Smoking by First Prenatal Visit	18,495	38.4	200,542	42.1
Quit Smoking by First Prenatal Visit and Stayed Off Cigarettes	13,630	33.8	157,525	34.9
Smoking in Household				
During Pregnancy	0	*	499,019	22.8
Postpartum	0	*	455,099	24.2
Drinking				
3 Months Prior to Pregnancy	45,372	17.2	337,767	8.0
Last 3 Months of Pregnancy	47,901	0.4	750,651	0.4

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Women who initially enrolled in WIC during the postpartum period.

(4) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 2C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Health Indicators**

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Summary of Health Indicators (2)				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Birthweight (3)				
Very Low	50,472	0.8	959,603	1.1
Low	50,472	6.7	959,603	7.2
Normal	50,472	85.0	959,603	85.0
High	50,472	7.5	959,603	6.7
Preterm (4)	52,600	0.1	872,647	12.3
Full term Low Birth Weight (5)	50,306	7.5	785,965	3.7
Multiple Births	56,770	1.8	897,570	1.6
Breastfeeding				
Ever Breastfed	49,909	53.4	881,223	64.0

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Very low birth weight (<1500 g), low birth weight (1500 - <2500 g), normal birth weight (2500 - <4000 g), high birth weight (>4000 g).

(4) <37 weeks gestation.

(5) 37 or more weeks gestation and <2500 g.

**Table 3C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

**Comparison of Racial and Ethnic Distribution by Contributor to Nation**

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<b>Comparison of Racial and Ethnic Distribution</b> <sup>(2)</sup>							
	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
<b>Michigan</b>	<b>64,561</b>	<b>56.5</b>	<b>29.1</b>	<b>11.3</b>	<b>0.3</b>	<b>1.5</b>	<b>1.3</b>
<b>Nation (Prior Year)</b>	<b>1,143,349</b>	<b>41.6</b>	<b>22.9</b>	<b>30.0</b>	<b>1.1</b>	<b>3.2</b>	<b>1.2</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 4C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Age Distribution by Contributor to Nation**

<b>Comparison of Age Distribution</b> <sup>(2)</sup>								
	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
<b>Michigan</b>	<b>64,561</b>	<b>0.4</b>	<b>7.2</b>	<b>13.7</b>	<b>60.2</b>	<b>17.3</b>	<b>1.1</b>	<b>0.0</b>
<b>Nation (Prior Year)</b>	<b>1,143,349</b>	<b>0.4</b>	<b>6.6</b>	<b>12.6</b>	<b>60.0</b>	<b>19.0</b>	<b>1.4</b>	<b>0.1</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 5C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Maternal Health Indicators by Contributor to Nation**

<b>Comparison of Maternal Health Indicators</b> <sup>(2)</sup>										
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
<b>Michigan</b>	<b>61,626</b>	<b>10.6</b>	<b>46.5</b>	<b>50,910</b>	<b>30.5</b>	<b>42.6</b>	<b>10,599</b>	<b>33.0</b>	<b>13,801</b>	<b>36.0</b>
<b>Nation (Prior Year)</b>	<b>1,076,151</b>	<b>11.1</b>	<b>43.8</b>	<b>886,445</b>	<b>24.9</b>	<b>43.2</b>	<b>159,902</b>	<b>32.0</b>	<b>367,279</b>	<b>33.5</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 6C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Maternal Behavioral Indicators by Contributor to Nation**

<b>Comparison of Maternal Behavioral Indicators</b> <sup>(2)</sup>					
	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
<b>Michigan</b>	<b>56,568</b>	<b>74.9</b>	<b>10.5</b>	<b>64,187</b>	<b>32.2</b>
<b>Nation (Prior Year)</b>	<b>659,950</b>	<b>77.2</b>	<b>7.5</b>	<b>944,394</b>	<b>31.3</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 7C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Comparison of Smoking Indicators by Contributor to Nation**

Comparison of Smoking Indicators <sup>(2)</sup>										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes <sup>(3)</sup>	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%		Number	%	Number	%	
Michigan	57,184	36.9	48,441	19.8	13,630	33.8	0	*	0	*
Nation (Prior Year)	839,281	27.2	699,875	16.6	157,525	34.9	499,019	22.8	455,099	24.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 8C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Comparison of Infant Health Indicators by Contributor to Nation**

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<b>Comparison of Infant Health Indicators</b> <sup>(2)</sup>									
	Birthweight			Preterm (5)	Full Term LBW (6)	Ever Breastfed			
	Low (3)		High (4)						
	Number	%	%						
<b>Michigan</b>	<b>50,472</b>	<b>7.5</b>	<b>7.5</b>	<b>52,600</b>	<b>0.1</b>	<b>50,306</b>	<b>7.5</b>	<b>49,909</b>	<b>53.4</b>
<b>Nation (Prior Year)</b>	<b>959,603</b>	<b>8.3</b>	<b>6.7</b>	<b>872,647</b>	<b>12.3</b>	<b>785,965</b>	<b>3.7</b>	<b>881,223</b>	<b>64.0</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 9C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Maternal Health Indicators by Race/Ethnicity, Age, or Education**

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<b>Maternal Health Indicators by Race/Ethnicity, Age, or Education</b> <sup>(2)</sup>										
	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
<b>Race/Ethnicity</b>										
White, Not Hispanic	34,763	11.8	44.2	28,316	27.9	44.8	5,997	25.3	8,465	31.0
Black, Not Hispanic	18,102	9.1	51.5	15,189	32.6	42.3	3,428	46.3	3,476	47.4
Hispanic	6,861	6.7	48.1	5,835	36.6	34.5	837	33.6	1,403	40.1
American Indian/Alaskan Native	200	12.5	47.5	175	25.7	51.4	33	*	36	*
Asian/Pacific Islander	920	22.8	22.2	773	40.4	24.1	188	32.4	221	29.0
All Other/Unknown	780	10.4	44.2	622	28.5	45.8	116	31.9	200	29.0
<b>Total</b>	<b>61,626</b>	<b>10.6</b>	<b>46.5</b>	<b>50,910</b>	<b>30.5</b>	<b>42.6</b>	<b>10,599</b>	<b>33.0</b>	<b>13,801</b>	<b>36.0</b>
<b>Age</b>										
< 15 Years	260	17.7	23.1	211	28.4	43.6	52	*	45	*
15 - 17 Years	4,427	17.1	27.4	3,703	31.4	44.2	736	36.3	913	42.1
18 - 19 Years	8,431	15.3	33.5	7,023	29.3	45.5	1,370	36.9	1,819	40.8
20 - 29 Years	37,173	10.2	47.9	30,967	29.7	43.1	6,516	31.9	8,499	35.1
30 - 39 Years	10,629	5.5	59.4	8,496	33.2	38.3	1,802	32.1	2,360	33.3
>= 40 Years	696	5.6	59.9	501	41.7	31.5	121	34.7	165	34.5
Unknown	10	*	*	9	*	*	2	*	0	*
<b>Total</b>	<b>61,626</b>	<b>10.6</b>	<b>46.5</b>	<b>50,910</b>	<b>30.5</b>	<b>42.6</b>	<b>10,599</b>	<b>33.0</b>	<b>13,801</b>	<b>36.0</b>
<b>Education</b>										
< High School	20,842	12.5	41.2	16,998	33.7	39.6	3,566	36.8	4,301	40.5
High School	27,121	10.0	48.2	22,497	29.5	43.8	4,652	32.4	5,987	35.1
> High School	13,569	8.8	50.9	11,340	27.6	44.7	2,359	28.3	3,492	31.9
Unknown	94	*	*	75	*	*	22	*	21	*
<b>Total</b>	<b>61,626</b>	<b>10.6</b>	<b>46.5</b>	<b>50,910</b>	<b>30.5</b>	<b>42.6</b>	<b>10,599</b>	<b>33.0</b>	<b>13,801</b>	<b>36.0</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 10C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education**

<b>Maternal Behavioral Indicators by Race/Ethnicity, Age, or Education</b> (2)					
	Medical Care			WIC Enrollment	
	1st Trimester	No Care		1st Trimester	
	Number	%	%	Number	%
<b>Race/Ethnicity</b>					
White, Not Hispanic	31,957	79.0	10.7	36,295	36.4
Black, Not Hispanic	16,685	70.7	6.9	18,663	21.3
Hispanic	6,179	65.9	19.5	7,235	39.2
American Indian/Alaskan Native	187	74.3	15.0	203	40.4
Asian/Pacific Islander	852	74.5	7.6	954	24.9
All Other/Unknown	708	72.0	13.7	837	39.5
<b>Total</b>	<b>56,568</b>	<b>74.9</b>	<b>10.5</b>	<b>64,187</b>	<b>32.2</b>
<b>Age</b>					
< 15 Years	242	47.5	15.3	280	24.3
15 - 17 Years	4,066	63.7	11.9	4,625	31.3
18 - 19 Years	7,737	70.9	12.0	8,784	34.8
20 - 29 Years	34,286	76.6	10.3	38,651	32.2
30 - 39 Years	9,657	77.8	9.7	11,106	30.8
>= 40 Years	570	72.8	10.7	731	30.1
Unknown	10	*	*	10	*
<b>Total</b>	<b>56,568</b>	<b>74.9</b>	<b>10.5</b>	<b>64,187</b>	<b>32.2</b>
<b>Education</b>					
< High School	19,006	65.3	16.0	23,012	32.8
High School	24,975	78.1	8.3	27,358	32.0
> High School	12,499	83.2	6.7	13,720	31.5
Unknown	88	*	*	97	*
<b>Total</b>	<b>56,568</b>	<b>74.9</b>	<b>10.5</b>	<b>64,187</b>	<b>32.2</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for behavioral indicators, and data with errors for behavioral and demographic indicators.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 11C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Smoking Indicators by Race/Ethnicity, Age, or Education**

Smoking Indicators by Race/Ethnicity, Age, or Education <sup>(2)</sup>										
	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
	Number	%	Number	%	Number	%	Number	%	Number	%
Race/Ethnicity										
White, Not Hispanic	32,964	48.7	27,358	27.7	10,523	31.2	0	*	0	*
Black, Not Hispanic	16,294	22.8	14,000	10.6	2,234	43.2	0	*	0	*
Hispanic	6,183	13.1	5,587	4.6	524	49.4	0	*	0	*
American Indian/Alaskan Native	192	58.9	169	33.1	87	*	0	*	0	*
Asian/Pacific Islander	802	7.7	715	3.1	37	*	0	*	0	*
All Other/Unknown	749	48.1	612	27.3	225	29.8	0	*	0	*
<b>Total</b>	<b>57,184</b>	<b>36.9</b>	<b>48,441</b>	<b>19.8</b>	<b>13,630</b>	<b>33.8</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
Age										
< 15 Years	224	11.2	198	2.5	13	*	0	*	0	*
15 - 17 Years	4,076	27.8	3,474	12.3	771	38.9	0	*	0	*
18 - 19 Years	7,860	41.6	6,660	20.4	2,260	36.4	0	*	0	*
20 - 29 Years	34,609	39.3	29,549	21.2	8,814	34.0	0	*	0	*
30 - 39 Years	9,774	29.7	8,078	17.9	1,688	27.3	0	*	0	*
>= 40 Years	631	28.2	474	16.7	82	*	0	*	0	*
Unknown	10	*	8	*	2	*	0	*	0	*
<b>Total</b>	<b>57,184</b>	<b>36.9</b>	<b>48,441</b>	<b>19.8</b>	<b>13,630</b>	<b>33.8</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>
Education										
< High School	18,841	40.2	17,001	23.5	4,736	25.8	0	*	0	*
High School	25,518	38.8	20,877	20.3	6,542	36.0	0	*	0	*
> High School	12,732	28.3	10,492	12.6	2,330	44.0	0	*	0	*
Unknown	93	*	71	*	22	*	0	*	0	*
<b>Total</b>	<b>57,184</b>	<b>36.9</b>	<b>48,441</b>	<b>19.8</b>	<b>13,630</b>	<b>33.8</b>	<b>0</b>	<b>*</b>	<b>0</b>	<b>*</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for smoking indicators, and data with errors for smoking and demographic indicators.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 12C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Infant Health Indicators by Race/Ethnicity, Age, or Education**

<b>Infant Health Indicators by Race/Ethnicity, Age, or Education</b> <sup>(2)</sup>									
	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
<b>Race/Ethnicity</b>									
White, Not Hispanic	28,286	6.4	9.0	29,333	0.1	28,194	6.3	27,962	58.1
Black, Not Hispanic	14,939	10.8	4.3	15,590	0.1	14,893	10.8	14,675	38.4
Hispanic	5,698	5.2	8.0	6,065	0.0	5,677	5.2	5,743	66.0
American Indian/Alaskan Native	173	6.4	16.2	174	0.0	172	6.4	167	63.5
Asian/Pacific Islander	763	7.1	4.6	796	0.3	759	7.1	763	66.6
All Other/Unknown	613	5.9	10.6	642	0.2	611	5.9	599	63.8
<b>Total</b>	<b>50,472</b>	<b>7.5</b>	<b>7.5</b>	<b>52,600</b>	<b>0.1</b>	<b>50,306</b>	<b>7.5</b>	<b>49,909</b>	<b>53.4</b>
<b>Age</b>									
< 15 Years	218	8.3	4.1	228	0.0	218	9.6	212	35.4
15 - 17 Years	3,721	7.5	5.2	3,856	0.1	3,712	8.2	3,591	41.3
18 - 19 Years	7,004	7.1	5.5	7,297	0.1	6,987	7.8	6,834	50.1
20 - 29 Years	30,628	6.1	7.7	31,930	0.1	30,524	6.9	30,371	54.7
30 - 39 Years	8,409	7.8	9.4	8,775	0.2	8,377	9.0	8,399	56.9
>= 40 Years	485	13.0	7.4	506	0.4	481	14.6	494	59.5
Unknown	7	*	*	8	*	7	*	8	*
<b>Total</b>	<b>50,472</b>	<b>7.5</b>	<b>7.5</b>	<b>52,600</b>	<b>0.1</b>	<b>50,306</b>	<b>7.5</b>	<b>49,909</b>	<b>53.4</b>
<b>Education</b>									
< High School	17,731	7.3	6.2	18,573	0.1	17,680	8.1	17,484	45.7
High School	21,690	6.8	7.6	22,581	0.1	21,617	7.5	21,415	52.1
> High School	10,976	5.8	9.2	11,368	0.1	10,934	6.8	10,938	68.3
Unknown	75	*	*	78	*	75	*	72	*
<b>Total</b>	<b>50,472</b>	<b>7.5</b>	<b>7.5</b>	<b>52,600</b>	<b>0.1</b>	<b>50,306</b>	<b>7.5</b>	<b>49,909</b>	<b>53.4</b>

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data for health indicators, and data with errors for health and demographic indicators.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 13C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**

**Maternal Weight Gain and Birth Outcomes by Select Health Indicators**

Maternal Weight Gain and Birth Outcomes by Select Health Indicators <sup>(2)</sup>										
	Weight Gain (3)			Birth Outcomes						
	< Ideal		> Ideal	Birthweight			Preterm (6)		Full Term LBW (7)	
				Low (4)		High (5)				
		Number	%	%	Number	%	%	Number	%	Number
Prepregnancy BMI										
Underweight	5,249	37.7	25.6	5,038	10.8	3.6	5,213	0.1	5,019	10.8
Normal Weight	21,972	32.1	39.2	20,866	7.5	6.0	21,778	0.1	20,804	7.5
Overweight	7,321	20.6	57.3	6,958	6.6	8.0	7,249	0.2	6,932	6.5
Obese	16,184	30.2	46.2	15,436	7.0	10.4	16,048	0.1	15,381	7.0
Weight Gain										
< Ideal	–	–	–	14,322	11.1	4.7	15,247	0.1	14,266	11.1
Ideal	–	–	–	13,157	7.6	5.8	13,571	0.1	13,113	7.5
> Ideal	–	–	–	20,866	5.1	10.5	21,514	0.1	20,806	5.1
Smoking During Pregnancy										
Smokers	8,900	29.5	43.4	8,625	9.3	4.7	8,921	0.0	8,611	9.3
Non-Smokers	29,358	29.0	43.8	28,408	6.2	8.6	29,483	0.0	28,347	6.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(4) <2500 g.

(5) >4000 g.

(6) <37 weeks gestation.

(7) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 14C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Racial and Ethnic Distribution**

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<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>							
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
2007	64,561	56.5	29.1	11.3	0.3	1.5	1.3
2006	61,323	56.0	29.0	11.6	0.4	1.7	1.3
2005	65,212	55.4	27.3	11.3	0.5	1.7	3.8
2004	64,160	59.2	28.6	10.0	0.5	1.6	0.1
2003	61,040	59.8	28.1	10.1	0.5	1.5	0.0
2002	59,234	59.4	28.8	10.0	0.5	1.3	0.0
2001	61,122	59.0	29.3	10.0	0.5	1.1	0.0
2000	62,088	59.1	29.8	9.5	0.5	1.1	0.0
1999	57,354	60.5	29.7	8.1	0.5	1.1	0.0
1998	61,824	61.6	29.9	6.9	0.5	1.1	0.0
1997	58,796	61.7	30.5	6.2	0.5	1.2	0.0
1996	59,794	62.5	29.5	6.3	0.5	1.2	0.0
1995	42,765	63.2	29.3	5.9	0.5	1.1	0.0
1994	60,846	59.5	28.9	5.0	0.5	0.9	5.3
1993	0	*	*	*	*	*	*
1992	36,204	49.7	22.6	3.3	0.4	0.6	23.3
1991	5,920	62.1	32.1	4.3	0.7	0.7	0.1
1990	527	33.8	63.8	1.9	0.2	0.2	0.2
1989	0	*	*	*	*	*	*
1988	0	*	*	*	*	*	*
1987	0	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 14C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Racial and Ethnic Distribution**

Page: 17  
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<b>Summary of Trends in Racial and Ethnic Distribution</b> <sup>(2)</sup>							
Year	Number Included in Analysis	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other/Unknown %
1986	0	*	*	*	*	*	*
1985	0	*	*	*	*	*	*
1984	0	*	*	*	*	*	*
1983	495	11.1	82.4	1.8	0.0	0.6	4.0

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 15C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Age Distribution**

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<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
2007	64,561	0.4	7.2	13.7	60.2	17.3	1.1	0.0
2006	61,323	0.4	7.2	13.4	60.7	17.2	1.2	0.0
2005	65,212	0.4	6.8	12.9	60.7	17.9	1.3	0.0
2004	64,160	0.5	7.0	13.3	60.4	17.4	1.2	0.0
2003	61,040	0.4	7.2	13.4	60.3	17.5	1.2	0.0
2002	59,234	0.5	7.3	13.6	60.1	17.3	1.2	0.0
2001	61,122	0.5	7.8	14.4	59.5	16.7	1.1	0.0
2000	62,088	0.6	8.2	14.8	59.7	15.8	1.0	0.0
1999	57,354	0.7	8.6	15.1	59.0	15.6	1.0	0.0
1998	61,824	0.6	9.0	15.4	58.6	15.4	1.0	0.0
1997	58,796	0.7	9.3	15.2	58.2	15.7	0.9	0.0
1996	59,794	0.8	9.8	15.1	57.7	15.7	0.8	0.0
1995	42,765	0.9	10.3	15.2	57.4	15.4	0.8	0.0
1994	60,846	0.8	9.6	14.6	55.0	14.2	0.6	5.3
1993	0	*	*	*	*	*	*	*
1992	36,204	0.5	7.0	12.4	46.1	10.6	0.4	23.1
1991	5,920	0.5	8.1	14.8	61.8	14.2	0.6	0.1
1990	527	1.1	10.4	17.5	56.5	14.4	0.0	0.0
1989	0	*	*	*	*	*	*	*
1988	0	*	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 15C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Age Distribution**

Page: 19  
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<b>Summary of Trends in Age Distribution</b> <sup>(2)</sup>								
Year	Number Included in Analysis	< 15 Years %	15 - 17 Years %	18 - 19 Years %	20 - 29 Years %	30 - 39 Years %	>= 40 Years %	Unknown %
1987	0	*	*	*	*	*	*	*
1986	0	*	*	*	*	*	*	*
1985	0	*	*	*	*	*	*	*
1984	0	*	*	*	*	*	*	*
1983	495	1.4	11.3	18.8	57.6	9.5	0.4	1.0

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 16C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Health Indicators**

<b>Summary of Trends in Maternal Health Indicators</b> <sup>(2)</sup>										
Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
2007	61,626	10.6	46.5	50,910	30.5	42.6	10,599	33.0	13,801	36.0
2006	58,427	10.9	46.3	48,821	29.3	43.6	10,047	30.5	14,170	34.5
2005	59,934	11.1	45.8	50,729	29.2	43.3	10,283	31.2	13,786	35.0
2004	58,875	11.1	45.2	49,657	29.3	43.7	10,643	30.4	14,448	35.1
2003	56,040	11.8	44.6	47,059	30.1	43.4	10,111	30.1	13,318	35.4
2002	54,234	12.1	43.9	45,013	32.1	41.2	9,663	30.9	13,117	36.3
2001	55,825	12.6	43.1	45,095	33.3	40.4	10,543	30.0	13,475	36.3
2000	55,640	13.5	42.1	46,244	34.0	39.1	10,903	30.2	14,310	34.6
1999	51,565	13.0	41.6	43,043	35.4	38.5	9,849	29.5	13,464	33.5
1998	55,428	13.7	40.5	46,391	37.4	36.3	10,709	28.3	14,955	34.1
1997	53,027	14.2	40.1	45,048	37.3	36.2	10,577	29.2	14,109	33.1
1996	53,731	15.3	37.9	45,846	37.8	35.3	10,523	28.3	15,415	32.5
1995	38,579	15.3	37.1	31,474	37.4	35.4	739	25.8	10,433	31.7
1994	53,190	15.4	36.0	44,455	38.0	34.5	9,951	26.4	14,862	27.3
1993	0	*	*	0	*	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 16C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Health Indicators**

Summary of Trends in Maternal Health Indicators <sup>(2)</sup>										
Year	Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
	Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
	Number	%	%	Number	%	%	Number	%	Number	%
1992	17,638	16.8	34.3	18,363	55.0	27.5	6,781	19.6	8,106	21.4
1991	4,964	15.9	34.4	3,223	49.6	26.4	317	21.5	794	21.5
1990	515	17.9	31.1	2	*	*	6	*	0	*
1989	0	*	*	0	*	*	0	*	0	*
1988	0	*	*	0	*	*	0	*	0	*
1987	0	*	*	0	*	*	0	*	0	*
1986	0	*	*	0	*	*	0	*	0	*
1985	0	*	*	0	*	*	0	*	0	*
1984	0	*	*	0	*	*	0	*	0	*
1983	419	18.1	22.2	0	*	*	151	24.5	13	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 17C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Behavioral Indicators**

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<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
2007	56,568	74.9	10.5	64,187	32.2
2006	53,684	74.3	10.8	60,963	33.5
2005	57,333	74.8	10.3	62,630	32.6
2004	56,142	74.1	10.7	61,767	31.3
2003	53,408	74.3	10.4	58,592	31.7
2002	51,532	73.8	10.5	56,964	32.3
2001	52,785	72.6	10.8	58,587	30.8
2000	52,989	71.9	11.2	59,332	31.0
1999	48,354	72.3	10.9	55,040	31.3
1998	52,821	72.5	11.1	59,429	31.3
1997	53,601	68.6	15.1	56,551	28.2
1996	55,003	68.4	16.0	57,285	28.4
1995	38,526	68.3	17.3	4,392	37.2
1994	52,540	68.9	15.9	56,451	27.3
1993	0	*	*	0	*
1992	25,272	62.9	20.4	17,934	21.6
1991	3,475	66.7	17.4	5,150	2.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 17C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Maternal Behavioral Indicators**

Page: 23  
Run Date: 8 / 12 / 08

<b>Summary of Trends in Maternal Behavioral Indicators</b> <sup>(2)</sup>					
Year	Medical Care			WIC Enrollment	
	1st Trimester		No Care	1st Trimester	
	Number	%	%	Number	%
1990	2	*	*	89	*
1989	0	*	*	0	*
1988	0	*	*	0	*
1987	0	*	*	0	*
1986	0	*	*	0	*
1985	0	*	*	0	*
1984	0	*	*	0	*
1983	0	*	*	453	4.2

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 18C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Smoking Indicators**

Page: 24  
Run Date: 8 / 12 / 08

Summary of Trends in Smoking Indicators <sup>(2)</sup>										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%		Number	%	Number	%	
2007	57,184	36.9	48,441	19.8	13,630	33.8	0	*	0	*
2006	54,944	37.6	46,663	21.1	13,705	32.8	0	*	0	*
2005	57,338	38.1	50,206	21.6	14,035	31.1	0	*	0	*
2004	55,289	39.5	48,543	23.0	14,091	30.2	0	*	0	*
2003	52,553	39.6	45,315	23.1	13,107	30.5	0	*	0	*
2002	50,060	41.5	42,894	24.4	12,886	29.5	0	*	0	*
2001	49,929	43.3	41,825	25.6	12,853	29.3	0	*	0	*
2000	48,546	44.4	42,095	26.9	12,808	27.4	0	*	0	*
1999	42,774	45.6	37,486	27.1	11,817	27.9	0	*	0	*
1998	44,293	46.0	39,259	29.4	12,584	25.2	0	*	0	*
1997	43,106	44.4	38,286	29.2	12,134	25.2	0	*	0	*
1996	44,508	44.1	39,708	29.5	12,537	23.7	0	*	0	*
1995	33,102	44.8	27,876	29.9	9,290	24.4	0	*	0	*
1994	45,652	44.8	29,284	29.7	8,990	24.3	0	*	0	*
1993	0	*	0	*	0	*	0	*	0	*
1992	18,823	46.7	2,264	34.1	0	*	0	*	0	*
1991	4,155	43.5	379	33.2	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 18C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Smoking Indicators**

Page: 25  
Run Date: 8 / 12 / 08

Summary of Trends in Smoking Indicators (2)										
Year	Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)	Smoking in Household				
	3 Months Prior to Pregnancy		Last 3 Months of Pregnancy			Prenatal		Postpartum		
	Number	%	Number	%		Number	%	Number	%	
1990	159	62.9	0	*	0	*	518	0.0	0	*
1989	0	*	0	*	0	*	0	*	0	*
1988	0	*	0	*	0	*	0	*	0	*
1987	0	*	0	*	0	*	0	*	0	*
1986	0	*	0	*	0	*	0	*	0	*
1985	0	*	0	*	0	*	0	*	0	*
1984	0	*	0	*	0	*	0	*	0	*
1983	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 19C**  
**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Infant Health Indicators**

<b>Summary of Trends in Infant Health Indicators</b> (2)								
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed
	Low (3)		High (4)					
	Number	%	%	Number	%	Number	%	Number %
2007	50,472	7.5	7.5	52,600	0.1	50,306	7.5	49,909 53.4
2006	48,340	7.8	7.6	50,521	0.1	48,152	7.8	47,818 52.8
2005	51,616	7.8	8.0	54,788	0.1	51,414	7.8	51,914 52.6
2004	50,805	7.7	8.3	53,814	0.1	50,617	7.7	50,837 50.5
2003	48,280	7.3	8.7	50,986	0.2	48,077	7.3	48,115 49.8
2002	46,356	7.2	8.6	48,916	0.2	46,177	7.2	45,739 49.3
2001	46,760	7.3	9.0	49,230	0.1	46,567	7.3	45,726 49.5
2000	48,538	7.1	9.0	50,944	0.2	48,399	7.1	46,885 46.9
1999	44,840	6.9	9.1	47,125	0.2	44,674	6.9	41,632 47.6
1998	48,000	7.3	9.3	50,889	0.2	47,842	7.3	44,301 46.5
1997	46,683	8.0	9.3	49,298	0.1	46,526	8.0	43,232 45.4
1996	48,557	7.9	9.0	50,513	0.1	48,419	7.9	44,021 44.2
1995	34,379	8.0	9.5	0	*	0	*	30,011 44.9
1994	50,502	7.9	9.5	47,519	2.6	45,914	6.7	45,043 41.7

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

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**2007 Pregnancy Nutrition Surveillance** (1)  
**Michigan**  
**Summary of Trends in Infant Health Indicators**

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Summary of Trends in Infant Health Indicators <sup>(2)</sup>									
Year	Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
	Low (3)		High (4)						
	Number	%	%	Number	%	Number	%	Number	%
1993	0	*	*	0	*	0	*	0	*
1992	30,684	8.1	9.8	22,424	9.0	20,157	3.7	23,468	42.0
1991	3,175	6.0	11.5	3,152	9.0	2,805	3.4	2,734	54.0
1990	0	*	*	0	*	0	*	0	*
1989	0	*	*	0	*	0	*	0	*
1988	0	*	*	0	*	0	*	0	*
1987	0	*	*	0	*	0	*	0	*
1986	0	*	*	0	*	0	*	0	*
1985	0	*	*	0	*	0	*	0	*
1984	0	*	*	0	*	0	*	0	*
1983	495	7.9	4.6	462	15.4	391	3.1	19	*

(1) Reporting period is January 1 through December 31.

(2) Excludes records with unknown data or errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
White, Not Hispanic	2007	34,763	11.8	44.2	28,316	27.9	44.8	5,997	25.3	8,465	31.0
	2006	32,619	12.4	44.0	27,031	25.7	46.6	5,599	24.0	8,391	29.5
	2005	33,287	12.4	43.6	27,919	26.4	45.8	5,714	25.3	8,264	30.9
	2004	34,700	12.4	42.6	29,119	26.0	46.1	6,191	25.1	8,957	31.9
	2003	33,309	13.1	42.3	27,731	27.1	46.0	5,827	24.8	8,162	31.5
	2002	32,136	13.5	41.5	26,426	29.6	43.5	5,413	25.3	8,122	31.9
	2001	32,725	14.0	40.9	26,166	31.8	41.9	5,712	23.8	8,204	31.4
	2000	32,604	15.0	40.0	27,297	31.6	40.8	5,739	23.7	8,858	30.9
	1999	31,016	14.5	39.3	26,172	33.6	40.2	5,379	22.5	8,434	29.2
	1998	33,991	15.2	38.0	28,886	34.4	38.2	6,020	21.8	9,420	29.5
Black, Not Hispanic	2007	18,102	9.1	51.5	15,189	32.6	42.3	3,428	46.3	3,476	47.4
	2006	17,153	9.0	51.3	14,486	33.2	42.2	3,275	42.4	3,618	45.0
	2005	16,822	9.0	51.9	14,218	31.3	43.0	3,233	42.2	3,115	45.9
	2004	17,106	9.1	51.3	14,482	32.8	43.0	3,461	40.7	3,600	44.8
	2003	16,033	9.8	50.4	13,594	32.7	42.4	3,262	40.5	3,295	45.4
	2002	15,909	9.6	49.9	13,345	34.4	40.7	3,286	41.6	3,148	48.5
	2001	16,747	10.6	48.2	13,722	34.4	40.7	3,763	41.1	3,355	48.3
	2000	17,062	11.3	46.9	13,969	37.2	38.1	3,956	41.8	3,576	45.1
	1999	15,798	10.6	46.9	12,883	37.7	37.2	3,556	41.4	3,605	42.9
	1998	16,935	11.1	45.9	13,762	42.3	34.2	3,817	40.3	4,183	44.9

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)		
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum
		Number	%	%	Number	%	%	Number	%	Number %
Hispanic	2007	6,861	6.7	48.1	5,835	36.6	34.5	837	33.6	1,403 40.1
	2006	6,669	6.8	48.1	5,647	35.2	35.4	859	29.5	1,712 37.3
	2005	6,734	7.8	45.9	5,807	35.7	34.7	947	29.1	1,425 36.4
	2004	5,796	6.9	46.2	5,008	36.3	34.9	776	27.1	1,573 32.4
	2003	5,529	7.8	45.7	4,764	38.2	33.9	819	26.6	1,575 34.7
	2002	5,217	8.9	43.3	4,440	39.9	31.0	781	25.9	1,602 34.9
	2001	5,420	9.2	42.7	4,459	38.4	32.6	878	23.7	1,643 37.0
	2000	5,050	9.7	42.0	4,209	38.3	32.5	1,018	22.9	1,655 32.5
	1999	3,899	9.4	41.9	3,285	38.9	32.6	746	22.8	1,214 34.8
	1998	3,610	9.7	42.7	2,994	42.5	30.3	685	23.4	1,118 33.5
American Indian/Alaskan Native	2007	200	12.5	47.5	175	25.7	51.4	33	*	36 *
	2006	237	5.1	53.2	196	26.5	46.4	30	*	59 *
	2005	276	9.4	47.8	228	31.1	46.1	42	*	67 *
	2004	318	9.7	48.4	267	30.0	47.9	45	*	64 *
	2003	298	10.7	44.3	259	24.3	47.1	39	*	63 *
	2002	286	11.2	48.6	234	23.5	49.1	39	*	64 *
	2001	298	8.7	51.0	240	25.4	47.9	41	*	70 *
	2000	292	9.9	50.7	243	24.7	47.3	47	*	61 *
	1999	286	9.4	40.9	242	29.8	40.5	53	*	59 *
	1998	299	11.0	39.8	250	32.8	40.0	42	*	70 *

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Asian/Pacific Islander	2007	920	22.8	22.2	773	40.4	24.1	188	32.4	221	29.0
	2006	1,001	22.0	25.5	829	42.7	24.2	176	26.7	215	31.2
	2005	998	22.5	19.0	844	45.9	24.6	185	30.3	223	30.9
	2004	955	23.4	20.7	781	42.6	24.1	170	28.8	254	31.9
	2003	871	27.2	18.5	711	40.9	24.8	164	27.4	223	31.4
	2002	686	26.8	20.0	568	42.6	22.7	144	25.7	181	32.6
	2001	635	26.9	17.5	508	42.5	23.0	149	26.8	203	32.5
	2000	632	29.0	16.0	526	45.2	24.9	143	24.5	160	29.4
	1999	566	26.3	18.6	461	52.3	19.5	115	24.3	152	34.9
	1998	593	26.6	19.6	499	50.1	22.8	145	15.2	164	29.9
All Other/Unknown	2007	780	10.4	44.2	622	28.5	45.8	116	31.9	200	29.0
	2006	748	12.3	42.8	632	28.0	43.4	108	25.9	175	33.7
	2005	1,817	11.6	44.1	1,713	28.5	43.8	162	34.6	692	31.9
	2004	0	*	*	0	*	*	0	*	0	*
	2003	0	*	*	0	*	*	0	*	0	*
	2002	0	*	*	0	*	*	0	*	0	*
	2001	0	*	*	0	*	*	0	*	0	*
	2000	0	*	*	0	*	*	0	*	0	*
	1999	0	*	*	0	*	*	0	*	0	*
	1998	0	*	*	0	*	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 20C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>											
Race/Ethnicity and Year		Prepregnancy BMI (3)			Weight Gain (4)			Anemia (Low Hb/Hct) (5)			
		Under-weight		Over-weight	< Ideal		> Ideal	3rd Trimester		Postpartum	
		Number	%	%	Number	%	%	Number	%	Number	%
Total All Race/Ethnic Groups	2007	61,626	10.6	46.5	50,910	30.5	42.6	10,599	33.0	13,801	36.0
	2006	58,427	10.9	46.3	48,821	29.3	43.6	10,047	30.5	14,170	34.5
	2005	59,934	11.1	45.8	50,729	29.2	43.3	10,283	31.2	13,786	35.0
	2004	58,875	11.1	45.2	49,657	29.3	43.7	10,643	30.4	14,448	35.1
	2003	56,040	11.8	44.6	47,059	30.1	43.4	10,111	30.1	13,318	35.4
	2002	54,234	12.1	43.9	45,013	32.1	41.2	9,663	30.9	13,117	36.3
	2001	55,825	12.6	43.1	45,095	33.3	40.4	10,543	30.0	13,475	36.3
	2000	55,640	13.5	42.1	46,244	34.0	39.1	10,903	30.2	14,310	34.6
	1999	51,565	13.0	41.6	43,043	35.4	38.5	9,849	29.5	13,464	33.5
	1998	55,428	13.7	40.5	46,391	37.4	36.3	10,709	28.3	14,955	34.1

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight (BMI <19.8), overweight (BMI >26.0; includes overweight and obese women).

(4) Based on 1990 IOM report, "Nutrition During Pregnancy": underweight prepregnancy (ideal weight gain = 28 to 40 lbs), normal weight prepregnancy (ideal weight gain = 25 to 35 lbs), overweight prepregnancy (ideal weight gain = 15 to 25 lbs), obese prepregnancy (ideal weight gain = 15 to 25 lbs).

(5) Based on 1990 MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States"; adjusted for altitude and smoking.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
White, Not Hispanic	2007	31,957	79.0	10.7	36,295	36.4
	2006	30,099	78.5	10.9	34,132	37.5
	2005	31,804	78.7	10.8	34,855	37.7
	2004	33,432	77.7	11.2	36,484	35.6
	2003	32,039	77.8	11.0	34,870	36.1
	2002	30,663	77.5	11.4	33,778	37.6
	2001	31,281	76.9	11.8	34,433	36.5
	2000	31,253	75.8	12.3	34,948	37.0
	1999	29,221	75.9	11.8	33,207	37.0
	1998	32,572	75.6	11.8	36,560	36.4
Black, Not Hispanic	2007	16,685	70.7	6.9	18,663	21.3
	2006	15,803	69.6	7.4	17,679	22.9
	2005	15,773	70.1	7.4	17,354	22.4
	2004	16,247	69.2	7.7	17,766	20.9
	2003	15,293	69.1	7.5	16,584	20.9
	2002	15,232	68.3	8.0	16,516	20.6
	2001	15,785	65.8	8.5	17,338	19.5
	2000	16,226	66.5	8.6	17,815	20.2
	1999	14,784	67.2	8.4	16,534	20.4
	1998	16,088	67.8	8.6	17,862	21.2

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



**Table 21C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Hispanic	2007	6,179	65.9	19.5	7,235	39.2
	2006	5,970	65.6	18.9	7,067	40.1
	2005	6,252	66.7	16.7	7,159	37.1
	2004	5,247	65.9	16.8	6,202	35.5
	2003	4,962	67.2	15.9	5,931	36.4
	2002	4,701	67.6	13.6	5,662	35.0
	2001	4,836	67.4	12.3	5,853	31.0
	2000	4,650	64.4	13.1	5,605	27.9
	1999	3,576	64.4	14.9	4,398	29.0
	1998	3,335	64.9	15.8	4,061	30.3
American Indian/Alaskan Native	2007	187	74.3	15.0	203	40.4
	2006	206	74.8	12.6	249	50.2
	2005	267	77.2	9.7	295	39.3
	2004	289	75.1	10.7	327	42.8
	2003	283	76.3	11.3	304	43.8
	2002	271	81.2	7.7	299	44.1
	2001	269	71.4	15.2	310	44.5
	2000	274	77.7	8.8	307	40.7
	1999	265	76.2	8.3	295	45.4
	1998	285	75.4	10.2	309	44.7

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester	No Care		1st Trimester	
		Number	%	%	Number	%
Asian/Pacific Islander	2007	852	74.5	7.6	954	24.9
	2006	915	77.3	7.3	1,030	29.3
	2005	969	72.4	9.3	1,052	27.5
	2004	885	74.5	9.0	988	27.1
	2003	831	73.6	7.7	903	23.5
	2002	665	73.7	6.6	709	21.4
	2001	614	67.8	8.3	653	20.5
	2000	586	70.1	8.4	657	22.4
	1999	508	68.1	11.2	606	23.4
	1998	541	67.5	10.9	637	22.1
All Other/Unknown	2007	708	72.0	13.7	837	39.5
	2006	691	72.4	12.9	806	40.6
	2005	2,268	74.6	5.8	1,915	16.8
	2004	42	*	*	0	*
	2003	0	*	*	0	*
	2002	0	*	*	0	*
	2001	0	*	*	0	*
	2000	0	*	*	0	*
	1999	0	*	*	0	*
	1998	0	*	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 21C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**

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**Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity**

<b>Summary of Trends in Maternal Behavioral Indicators by Race/Ethnicity</b> <sup>(2)</sup>						
Race/Ethnicity and Year		Medical Care			WIC Enrollment	
		1st Trimester		No Care	1st Trimester	
		Number	%	%	Number	%
Total All Race/Ethnic Groups	2007	56,568	74.9	10.5	64,187	32.2
	2006	53,684	74.3	10.8	60,963	33.5
	2005	57,333	74.8	10.3	62,630	32.6
	2004	56,142	74.1	10.7	61,767	31.3
	2003	53,408	74.3	10.4	58,592	31.7
	2002	51,532	73.8	10.5	56,964	32.3
	2001	52,785	72.6	10.8	58,587	30.8
	2000	52,989	71.9	11.2	59,332	31.0
	1999	48,354	72.3	10.9	55,040	31.3
	1998	52,821	72.5	11.1	59,429	31.3

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22C**  
**2007 Pregnancy Nutrition Surveillance** <sup>(1)</sup>  
**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

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Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
White, Not Hispanic	2007	32,964	48.7	27,358	27.7	10,523	31.2	0	*	0	*
	2006	31,153	49.9	26,327	29.2	10,449	30.5	0	*	0	*
	2005	32,562	50.1	28,017	29.8	10,869	29.0	0	*	0	*
	2004	33,760	50.0	29,506	30.3	11,188	28.1	0	*	0	*
	2003	32,546	50.2	27,802	30.4	10,470	28.4	0	*	0	*
	2002	31,021	51.9	26,176	31.5	10,239	28.0	0	*	0	*
	2001	31,380	53.2	25,936	32.6	10,267	28.1	0	*	0	*
	2000	30,646	53.8	26,483	33.7	10,195	26.5	0	*	0	*
	1999	27,729	55.3	24,120	33.9	9,604	26.7	0	*	0	*
1998	29,285	55.2	26,189	35.6	10,297	24.7	0	*	0	*	
Black, Not Hispanic	2007	16,294	22.8	14,000	10.6	2,234	43.2	0	*	0	*
	2006	15,732	23.8	13,452	11.9	2,302	38.6	0	*	0	*
	2005	15,120	24.5	13,428	12.4	2,176	35.6	0	*	0	*
	2004	15,048	26.2	13,133	13.6	2,247	37.7	0	*	0	*
	2003	14,148	25.4	12,220	13.6	2,046	37.0	0	*	0	*
	2002	13,714	27.5	12,018	15.1	2,066	34.1	0	*	0	*
	2001	13,250	29.6	11,367	16.0	1,968	31.9	0	*	0	*
	2000	13,026	31.4	11,212	17.1	2,034	30.1	0	*	0	*
	1999	11,343	29.7	10,051	16.0	1,722	31.5	0	*	0	*
1998	11,696	29.4	10,078	18.3	1,804	26.1	0	*	0	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

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**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Hispanic	2007	6,183	13.1	5,587	4.6	524	49.4	0	*	0	*
	2006	6,185	13.7	5,319	5.3	580	51.9	0	*	0	*
	2005	6,315	13.6	5,647	5.4	552	50.0	0	*	0	*
	2004	5,247	13.1	4,863	6.1	470	44.0	0	*	0	*
	2003	4,773	13.0	4,344	4.7	403	52.1	0	*	0	*
	2002	4,403	14.7	3,926	6.6	411	44.5	0	*	0	*
	2001	4,430	17.1	3,800	8.0	455	45.5	0	*	0	*
	2000	4,094	18.4	3,715	9.9	425	36.2	0	*	0	*
	1999	3,040	18.8	2,735	8.8	331	42.0	0	*	0	*
1998	2,701	20.5	2,420	10.9	332	38.6	0	*	0	*	
American Indian/Alaskan Native	2007	192	58.9	169	33.1	87	*	0	*	0	*
	2006	231	55.4	191	33.0	85	*	0	*	0	*
	2005	272	60.7	237	32.9	118	33.1	0	*	0	*
	2004	317	61.2	258	39.9	139	25.2	0	*	0	*
	2003	293	59.7	255	41.2	130	21.5	0	*	0	*
	2002	297	69.0	240	40.4	133	33.8	0	*	0	*
	2001	287	69.7	239	45.2	135	22.2	0	*	0	*
	2000	278	61.9	242	40.1	116	23.3	0	*	0	*
	1999	270	67.0	235	44.3	135	28.9	0	*	0	*
1998	278	62.9	232	46.6	121	22.3	0	*	0	*	

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22C**  
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**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

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Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2007	802	7.7	715	3.1	37	*	0	*	0	*
	2006	901	7.2	750	3.2	40	*	0	*	0	*
	2005	907	8.5	831	2.4	45	*	0	*	0	*
	2004	880	10.3	744	3.8	47	*	0	*	0	*
	2003	793	11.0	694	4.8	58	*	0	*	0	*
	2002	625	10.1	534	5.4	37	*	0	*	0	*
	2001	582	10.3	483	4.3	28	*	0	*	0	*
	2000	502	12.4	443	5.0	38	*	0	*	0	*
	1999	392	14.3	345	4.6	25	*	0	*	0	*
	1998	333	15.0	340	5.0	30	*	0	*	0	*
All Other/Unknown	2007	749	48.1	612	27.3	225	29.8	0	*	0	*
	2006	742	46.2	624	27.2	249	30.5	0	*	0	*
	2005	2,162	35.1	2,046	20.9	275	33.1	0	*	0	*
	2004	37	*	39	*	0	*	0	*	0	*
	2003	0	*	0	*	0	*	0	*	0	*
	2002	0	*	0	*	0	*	0	*	0	*
	2001	0	*	0	*	0	*	0	*	0	*
	2000	0	*	0	*	0	*	0	*	0	*
	1999	0	*	0	*	0	*	0	*	0	*
	1998	0	*	0	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 22C**  
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**Michigan**  
**Summary of Trends in Smoking Indicators by Race/Ethnicity**

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Summary of Trends in Smoking Indicators by Race/Ethnicity <sup>(2)</sup>											
Race/Ethnicity and Year		Smoking				Quit Smoking By First Prenatal Visit and Stayed Off Cigarettes (3)		Smoking in Household			
		3 Months Prior to Pregnancy		Last 3 Months of Pregnancy				Prenatal		Postpartum	
		Number	%	Number	%	Number	%	Number	%	Number	%
Total All Race/Ethnic Groups	2007	57,184	36.9	48,441	19.8	13,630	33.8	0	*	0	*
	2006	54,944	37.6	46,663	21.1	13,705	32.8	0	*	0	*
	2005	57,338	38.1	50,206	21.6	14,035	31.1	0	*	0	*
	2004	55,289	39.5	48,543	23.0	14,091	30.2	0	*	0	*
	2003	52,553	39.6	45,315	23.1	13,107	30.5	0	*	0	*
	2002	50,060	41.5	42,894	24.4	12,886	29.5	0	*	0	*
	2001	49,929	43.3	41,825	25.6	12,853	29.3	0	*	0	*
	2000	48,546	44.4	42,095	26.9	12,808	27.4	0	*	0	*
	1999	42,774	45.6	37,486	27.1	11,817	27.9	0	*	0	*
	1998	44,293	46.0	39,259	29.4	12,584	25.2	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) Among women who smoked 3 months prior to pregnancy.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 23C**  
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Michigan

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
White, Not Hispanic	2007	28,286	6.4	9.0	29,333	0.1	28,194	6.3	27,962	58.1
	2006	26,999	6.4	9.1	28,066	0.1	26,880	6.4	26,764	56.4
	2005	28,526	6.4	9.3	30,092	0.1	28,437	6.4	28,697	56.2
	2004	30,091	6.4	9.7	31,747	0.1	29,985	6.4	30,133	54.8
	2003	28,803	6.1	10.1	30,250	0.1	28,692	6.1	28,624	54.0
	2002	27,380	6.0	10.0	28,822	0.2	27,265	6.0	26,944	54.0
	2001	27,339	6.0	10.8	28,783	0.1	27,229	6.0	26,653	54.7
	2000	28,837	5.7	10.8	30,142	0.2	28,753	5.7	27,837	51.9
	1999	27,318	5.6	10.9	28,701	0.1	27,217	5.6	25,760	51.4
	1998	29,951	6.1	11.0	31,651	0.2	29,848	6.1	28,169	50.5
Black, Not Hispanic	2007	14,939	10.8	4.3	15,590	0.1	14,893	10.8	14,675	38.4
	2006	14,247	11.3	4.5	14,859	0.1	14,201	11.3	13,806	39.0
	2005	14,123	11.2	5.0	14,960	0.1	14,061	11.2	13,952	37.6
	2004	14,627	11.5	5.2	15,423	0.2	14,562	11.5	14,357	35.9
	2003	13,693	10.5	5.6	14,494	0.2	13,632	10.5	13,521	35.2
	2002	13,568	10.6	5.4	14,275	0.2	13,521	10.6	13,218	34.7
	2001	13,929	10.8	5.4	14,616	0.2	13,869	10.7	13,490	33.6
	2000	14,351	10.3	5.4	15,077	0.2	14,310	10.3	13,692	32.4
	1999	13,238	10.1	5.5	13,812	0.2	13,195	10.1	11,926	35.5
	1998	14,071	10.3	5.6	14,924	0.1	14,031	10.3	12,522	34.8

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.



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**Michigan**  
**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Hispanic	2007	5,698	5.2	8.0	6,065	0.0	5,677	5.2	5,743	66.0
	2006	5,482	5.4	8.8	5,893	0.1	5,464	5.4	5,637	66.8
	2005	5,734	5.5	9.2	6,258	0.1	5,708	5.5	5,948	66.5
	2004	5,034	4.8	9.0	5,482	0.1	5,019	4.8	5,232	63.8
	2003	4,811	5.0	9.6	5,205	0.2	4,786	5.0	4,983	64.8
	2002	4,599	4.8	9.1	4,953	0.2	4,585	4.8	4,749	62.3
	2001	4,745	5.1	9.3	5,022	0.1	4,727	5.1	4,827	64.7
	2000	4,565	5.6	9.2	4,890	0.2	4,555	5.6	4,584	60.0
	1999	3,573	5.1	9.3	3,851	0.4	3,553	5.1	3,285	60.5
	1998	3,224	5.7	9.7	3,494	0.2	3,215	5.7	2,883	57.1
American Indian/Alaskan Native	2007	173	6.4	16.2	174	0.0	172	6.4	167	63.5
	2006	196	4.6	8.7	203	0.0	196	4.6	192	53.1
	2005	240	7.9	14.6	249	0.0	238	8.0	238	59.7
	2004	269	7.8	14.1	280	0.0	269	7.8	273	49.5
	2003	262	3.8	12.6	269	0.0	261	3.8	256	50.4
	2002	236	4.2	16.1	250	0.0	236	4.2	238	55.0
	2001	238	4.6	13.0	250	0.8	236	4.7	238	47.9
	2000	252	7.1	15.1	263	0.4	251	7.2	244	51.6
	1999	237	7.2	14.8	248	0.0	237	7.2	223	51.6
	1998	256	7.8	10.5	262	0.0	253	7.9	243	41.2

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

(6) 37 or more weeks gestation and <2500 g.

\* Percentages are not calculated if <100 records are available for analysis after exclusions.

**Table 23C**  
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Michigan

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Asian/Pacific Islander	2007	763	7.1	4.6	796	0.3	759	7.1	763	66.6
	2006	786	7.9	4.5	844	0.1	784	7.9	797	64.5
	2005	854	6.8	4.3	925	0.3	845	6.9	892	61.7
	2004	749	7.9	7.2	832	0.1	747	7.9	795	60.0
	2003	711	7.7	4.8	768	0.4	706	7.8	731	58.4
	2002	573	6.3	6.1	616	0.2	570	6.3	590	56.3
	2001	509	8.1	5.9	559	0.4	506	7.9	518	55.8
	2000	533	5.1	5.4	572	0.2	530	5.1	528	49.4
	1999	474	7.6	5.1	513	0.2	472	7.4	438	52.1
	1998	498	6.4	7.8	558	0.4	495	6.3	484	57.0
All Other/Unknown	2007	613	5.9	10.6	642	0.2	611	5.9	599	63.8
	2006	630	8.4	10.3	656	0.5	627	8.5	622	59.0
	2005	2,139	10.5	7.6	2,304	0.1	2,125	10.5	2,187	58.2
	2004	35	*	*	50	*	35	*	47	*
	2003	0	*	*	0	*	0	*	0	*
	2002	0	*	*	0	*	0	*	0	*
	2001	0	*	*	0	*	0	*	0	*
	2000	0	*	*	0	*	0	*	0	*
	1999	0	*	*	0	*	0	*	0	*
	1998	0	*	*	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Excludes data with errors.

(3) <2500 g.

(4) >4000 g.

(5) <37 weeks gestation.

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**Table 23C**  
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Michigan

**Summary of Trends in Infant Health Indicators by Race/Ethnicity**

<b>Summary of Trends in Infant Health Indicators by Race/Ethnicity</b> <sup>(2)</sup>										
Race/Ethnicity and Year		Birthweight			Preterm (5)		Full Term LBW (6)		Ever Breastfed	
		Low (3)		High (4)						
		Number	%	%	Number	%	Number	%	Number	%
Total All Race/Ethnic Groups	2007	50,472	7.5	7.5	52,600	0.1	50,306	7.5	49,909	53.4
	2006	48,340	7.8	7.6	50,521	0.1	48,152	7.8	47,818	52.8
	2005	51,616	7.8	8.0	54,788	0.1	51,414	7.8	51,914	52.6
	2004	50,805	7.7	8.3	53,814	0.1	50,617	7.7	50,837	50.5
	2003	48,280	7.3	8.7	50,986	0.2	48,077	7.3	48,115	49.8
	2002	46,356	7.2	8.6	48,916	0.2	46,177	7.2	45,739	49.3
	2001	46,760	7.3	9.0	49,230	0.1	46,567	7.3	45,726	49.5
	2000	48,538	7.1	9.0	50,944	0.2	48,399	7.1	46,885	46.9
	1999	44,840	6.9	9.1	47,125	0.2	44,674	6.9	41,632	47.6
	1998	48,000	7.3	9.3	50,889	0.2	47,842	7.3	44,301	46.5

(1) Reporting period is January 1 through December 31.

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